

PATON MULTIPRO-250-15-4

inverter welding machine

– is a multifunctional device that ensures full operation in MIG/MAG, MMA, and TIG DC modes, allowing for the welding of a wide range of low-carbon, low-alloy, and high-alloy steels. Thanks to the built-in oscillator for non-contact arc ignition and the gas valve, the machine's capabilities in TIG DC mode are significantly expanded.



Processes



MIG/MAG
(PULSE)



MMA
(PULSE)



TIG DC
(PULSE, HF, LIFT)

Input



1
phase



220
230
V

Output



DC

PARAMETERS

Rated voltage of the three-phase mains 50 / 60Hz, V	220/230
Rated current from each phase of the network, A	29,6–35,1
Nominal welding current, A	250
Maximum operating current, A	355
Duration of loading (LD), %	60% / 250A 100% / 193A
Power supply voltage change limits, V	160–260
Welding current regulation limits, A	12–250
Limits of regulation of welding voltage, V	12–28
Diameter of a welding wire, mm	0,6–1,2
Pulse modes for	MMA: 0,2–500 Hz; TIG: 0,2–500 Hz; MIG / MAG: 30–300 Hz
Rated power consumption, kVA	6,6–7,8
Overall dimensions, L×W×H, mm	360 × 260 × 270
Standards	EN IEC 60974-1
Protection class	IP 33
Insulation class	H
Operating temperature range	–25 ... +45°C
Wire feeder mechanism	4-roller with drive on all rollers
Maximum weight of the coil, kg	18

ADVANTAGES



LONG CABLES
COMPATIBILITY



WORK FROM
GENERATOR



DOUBLE CASE



TECHNOLOGY



WORK WITH
WEAK POWER
NETWORKS



OVERVOLTAGE
PROTECTION



STORING PROGRAMS
IN EACH WELDING
MODE



2T/4T
TWO-STROKE /
FOUR-STROKE MODE



INDUCTION
FUNCTION



HF/Lift
IGNITION



PULSE

FRONT CONTROLS



- 1 Digital display
- 2 Welding mode selection button
- 3 The regulator for selecting the functions (parameters)
- 4 Welding program selection button
- 5 Button for testing shielding gas supply (wire is not fed)
- 6 Button for adjusting the welding voltage on the wire feeder
- 7 The regulator for selecting the functions (parameters)
- 8 Digital display
- 9 Button for selecting functions of the wire feeder
- 10 Button for testing shielding gas supply (wire is not fed)
- 11 Power supply plug to the wire feeder
- 12 EURO type KZ-2 connector for connecting a semi-automatic torch
- 13 Connector for controlling torch buttons (TIG welding)
- 14 Socket for shielding gas supply to the torch (TIG welding)
- 15 Lifting protective cover for wire feeder compartment
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

Welding a wide range of products both of lowcarbon and low-alloy steels and high-alloy steels in workshops, production shops, when manufacturing and assembling metal constructions.



COMPLETE SET

- 1 – The 26 TIG torch, 4 m
- 2 – MIG/MAG torch, 3 m
- 3 – Welding cables with electrode holder and «ground» terminal,
- 4 – The quick-release nipple for a gas hose
- 5 – Set of rollers for 4 diameters of steel and 2 diameters of aluminum wire
- 6 – The shoulder-carry belt

